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VARIOFACE output module, with 16 miniature relays, 1 changeover contact each, plugged, for 24 V DC (basic module, including relays)

Commercial data

Item number	2908733
Packing unit	1 pc
Minimum order quantity	20 pc
Product key	DK2A9A
GTIN	4055626324517
Weight per piece (including packing)	654 g
Weight per piece (excluding packing)	654 g
Country of origin	DE

Technical data

Notes

Notes on operation	For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met.
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Product properties

Product type	Relay Module
Mechanical service life	3×10^7 cycles

Insulation characteristics: Air clearances and creepage distances, input/output

Insulation	Reinforced insulation
Oversupply category	III
Pollution degree	2

Insulation characteristics: Air and creepage distances, output/output

Insulation	Basic insulation
Oversupply category	III
Pollution degree	2

Electrical properties

Air clearances and creepage distances, input/output

Rated insulation voltage	260 V
Rated surge voltage	6 kV (1.2/50 μ s)

Air and creepage distances, output/output

Rated insulation voltage	260 V
Rated surge voltage	4 kV (1.2/50 μ s)

Input data

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.9 ... 1.1
Input voltage range	21.6 V DC ... 26.4 V DC
Typical input current at U_N	18 mA
Typical response time	8 ms
Typical release time	12 ms
Protective circuit	Damping diode, polarity protection; Damping diode, polarity protection diode
Operating voltage display	Green LED
Status display/channel	Yellow LED

Output data

Switching

UMK-16RM/KSR-G24/21/TVFKC - Relay module

2908733

<https://www.phoenixcontact.com/us/products/2908733>



Contact switching type	Single contact, 1 changeover contact
Contact material	AgNi (90/10) gold-plated
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	12 V AC/DC (10 mA)
Limiting continuous current	5 A
Min. switching current	10 mA (12 V AC/DC)
Interrupting rating (ohmic load) max.	120 W (24 V DC) 58 W (48 V DC) 48 W (60 V DC) 50 W (110 V DC) 80 W (220 V DC) 1250 VA (250 V AC)

Connection data

Input

Connection method	Flat-ribbon cable connector in acc. with IEC 60603-13
Number of connections	1
Number of positions	50

Output

Connection method	Push-in spring connection
Conductor cross-section rigid	0.2 mm ² ... 1.5 mm ²
Conductor cross-section flexible	0.2 mm ² ... 1.5 mm ²
Conductor cross-section AWG	24 ... 16

Extension module

Connection method	Flat-ribbon cable connector in acc. with IEC 60603-13
Number of connections	1
Number of positions	20

Dimensions

Width	259 mm
Height	77 mm
Depth	59 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Degree of protection (Installation location)	≥ IP54 (Installation location)
Ambient temperature (operation)	-20 °C ... 50 °C
Altitude	≤ 2000 m

Standards and regulations

Air clearances and creepage distances, input/output

UMK-16RM/KSR-G24/21/TVFKC - Relay module

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Standards/regulations

DIN EN 50178: 1998-04

Air and creepage distances, output/output

Standards/regulations

DIN EN 50178: 1998-04

Mounting

Mounting type

DIN rail mounting

Mounting position

any

Classifications

UNSPSC

UNSPSC 21.0

39121432

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.	

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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